

Materials List for:

Analyzing Synaptic Modulation of *Drosophila melanogaster* Photoreceptors after Exposure to Prolonged Light

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Materials

Name	Company	Catalog Number	Comments
Vial	Hightech, Japan	MKC-20	
Plug	Thermo Fisher Scientific, USA	AS-275	
Customized transparent rack made of acrylic resin	Shin-Shin Corporation, Japan		a height of 41 cm, a base of 21 cm, a thickness of 4 cm and a height of 13 cm for each step
Cool incubator	MITSUBISHI ELECTRIC, Japan	CN-40A	
LED panel	MISUMI, Japan	LEDXC170-W	
Digital light meter	CEM	DT-1301	
Fly pad	Tokken, Japan	TK-HA03-S	
Petri dish (35 x 10 mm)	Greiner Bio-One International, Germany	627102	
PBS tablet	Takara, Japan	T900	
Triton X-100	Wako, Japan	160-24751	
Dumont #5 Forceps	Fine Science Tools	11251-20	
1.5 mL tube	Sarstedt, Germany	A. 152X	
Formaldehyde 16%	NEM, Japan	3152	
Pipetman P-200	Gilson	F123601	
Pipetman P-20	Gilson	F123600	
Pipetman P-2	Gilson	F144801	
anti-chaoptin antibody	DSHB	24B10	
Alexa568-conjugated anti-mouse antibody	Life Technologies	A-11031	
VECTASHIELD Mounting Medium	Vector Laboratories, Inc.	H-1000	
Microscope slide (76 x 26 mm)	Thermo Fisher Scientific Gerhard Menzel B.V. & Co. KG, Germany		
Coverslip (18 x 18 mm, 0.17 mm)	Zeiss, Germany	474030-9000-000	
Industrial Microscopes	Olympus, Japan	SZ61-C-SET	
Stereo Microscope Lighting	Olympus, Japan	KL 1600 LED	
confocal microscopy	Zeiss, Germany	LSM780	
Imaris	Bitplane, Switzerland		Version 7.6.4 or above
Matlab	The MathWorks, Inc., USA		

Excel for Mac	Microsoft		
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